Name of Work :Improvements of Rcc Drains and CC Roads to Main Roads at Basavalingappa Layout and Surrounding areas in Ward No.03

EMB

"FIRST AND FINAL BILL"

Name of Work :Improvements of Rcc Drains and CC Roads to Main Roads at Basavalingappa Layout and Surrounding areas in Ward No.03

PRE-MEASUREMENT SHEETS

"FIRST AND FINAL BILL"

Name of Work :Improvements of Rcc Drains and CC Roads to Main Roads at Basavalingappa Layout and Surrounding areas in Ward No.03

re measurement recorded on: 6.11.2019

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
1	KSRRB 300-3. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification								
	Basavalingappa Layout								
	For RCC Drain								
	1st Main Road								
	LHS								
		1	30.00			1.10	1.00	33.00	
		1	30.00			1.10	1.00	33.00	
		1	30.00			1.10	1.00	33.00	
		1	23.80			1.10	1.00	26.18	
	1st -2nd Cross	1	19.60			1.10	1.00	21.56	
	2nd -3rd Cross	1	18.40			1.10	1.00	20.24	
	3rd - 4th Cross	1	8.32			1.10	1.00	9.15	
		1	10.00			1.10	1.00	11.00	
	4th - 5th Cross	1	20.00			1.10	1.00	22.00	
	5th - 7th Cross	1	18.32			1.10	1.00	20.15	
	RHS								
		1	30.00			1.10	1.00	33.00	
		1	2.30			1.10	1.00	2.53	
		1	30.00			1.10	1.00	33.00	
		1	30.00			1.10	1.00	33.00	
		1	17.40			1.10	1.00	19.14	
	1st -2nd Cross	1	20.00			1.10	1.00	22.00	
	2nd -3rd Cross	1	18.72			1.10	1.00	20.59	
	3rd - 4th Cross	1	19.10			1.10	1.00	21.01	
	4th - 5th Cross	1	18.40			1.10	1.00	20.24	
	5th - 7th Cross	1	18.60			1.10	1.00	20.46	
	2nd Main Road								
	RHS								
		1	30.00			1.10	1.00	33.00	
		1	22.00			1.10	1.00	24.20	
		1	23.80			1.10	1.00	26.18	
		1	20.60			1.10	1.00	22.66	
	1st -2nd Cross	1	20.00			1.10	1.00	22.00	
	2nd -3rd Cross	1	18.90			1.10	1.00	20.79	
	3rd - 4th Cross	1	18.77			1.10	1.00	20.65	
	4th - 5th Cross	1	20.20			1.10	1.00	22.22	
	LHS								
	1st -2nd Cross	1	19.60			1.10	1.00	21.56	
	2nd -3rd Cross	1	18.70			1.10	1.00	20.57	

NEMEN CONSULTANTS BANGALORE

(1)

6/11/2019

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಜಿ.ಬಿ.ಬಿ.ಎ. ಬೆಂಗಳೂರು-106
6/11/2019

tem No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
	3rd - 4th Cross	1	18.77			1.10	1.00	20.65	
	4th - 5th Cross	1	20.20			1.10	1.00	22.22	
		1	25.15			1.10	1.00	27.67	
		1	30.00			1.10	1.00	33.00	
		1	30.00			1.10	1.00	33.00	
		1	4.70			1.10	1.00	5.17	
	For RCC Culvert								
	2nd Main Road								
	At 3rd Cross								
	LHS	1	4.30			1.50	1.00	6.45	
	RHS	1	4.60			1.50	1.00	6.90	
	For CC Road								
	1st Main Road								
	LHS	1	30.00	1.20	1.15	1.18	0.30	10.58	
		1	30.00	1.15	1.20	1.18	0.30	10.58	
		1	30.00	1.20	1.15	1.18	0.30	10.58	
		1	30.00	1.15	1.30	1.23	0.30	11.03	
	RHS	1	30.00	1.25	1.20	1.23	0.30	11.03	
		1	30.00	1.20	1.15	1.18	0.30	10.58	
		1	30.00	1.15	1.20	1.18	0.30	10.58	
		1	30.00	1.20	1.15	1.18	0.30	10.58	
	2nd Main Road								
	LHS	1	30.00	1.30	1.20	1.25	0.30	11.25	
		1	30.00	1.20	1.10	1.15	0.30	10.35	
		1	30.00	1.10	1.20	1.15	0.30	10.35	
		1	14.00	1.20	1.10	1.15	0.30	4.83	
	RHS	1	30.00	1.20	1.10	1.15	0.30	10.35	
		1	30.00	1.10	1.20	1.15	0.30	10.35	
		1	30.00	1.20	1.15	1.18	0.30	10.58	
		1	14.00	1.15	1.20	1.18	0.30	4.94	
	1st Cross								
	RHS	1	30.00	1.10	1.20	1.15	0.30	10.35	
		1	15.40	1.20	0.95	1.08	0.30	4.97	
		1	30.00	0.95	0.75	0.85	0.30	7.65	
		1	24.60	0.75	0.60	0.68	0.30	4.98	
	2nd Cross								
	LHS	1	30.00	1.00	1.05	1.03	0.30	9.23	
		1	24.90	1.05	1.10	1.08	0.30	8.03	
		1	30.00	1.10	0.95	1.03	0.30	9.23	
		1	17.70	0.95	0.90	0.93	0.30	4.91	
	RHS	1	30.00	1.10	1.05	1.08	0.30	9.68	

NEW-EN CONSULTANT BANGALORE

(2)

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
೮/11/2019 ಜೆ.ಜೆ.ಎ.ಪಿ. ಬೆಂಗಳೂರು-106

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
		1	24.90	1.05	0.95	1.00	0.30	7.47	
		1	30.00	0.95	0.90	0.93	0.30	8.33	
		1	17.70	0.90	1.05	0.98	0.30	5.18	
	3rd Cross								
	LHS	1	30.00	1.05	1.10	1.08	0.30	9.68	
		1	22.30	1.10	1.05	1.08	0.30	7.19	
		1	30.00	1.05	0.95	1.00	0.30	9.00	
		1	24.00	0.95	1.00	0.98	0.30	7.02	
	RHS	1	30.00	1.00	0.95	0.98	0.30	8.78	
		1	22.30	0.95	1.00	0.98	0.30	6.52	
		1	30.00	1.00	0.95	0.98	0.30	8.78	
		1	24.00	0.95	1.20	1.08	0.30	7.74	
	4th Cross								
	LHS	1	30.00	1.10	0.95	1.03	0.30	9.23	
		1	25.20	0.95	1.15	1.05	0.30	7.94	
		1	30.00	1.15	0.95	1.05	0.30	9.45	
		1	25.70	0.95	1.20	1.08	0.30	8.29	
	RHS	1	30.00	1.05	1.10	1.08	0.30	9.68	
		1	25.20	1.10	1.00	1.05	0.30	7.94	
		1	30.00	1.00	1.05	1.03	0.30	9.23	
		1	25.70	1.05	0.90	0.98	0.30	7.52	
	5th Cross								
	LHS	1	30.00	1.00	1.05	1.03	0.30	9.23	
		1	21.20	1.05	0.95	1.00	0.30	6.36	
		1	30.00	0.95	0.95	0.95	0.30	8.55	
		1	15.20	0.95	1.05	1.00	0.30	4.56	
	RHS	1	30.00	0.95	1.00	0.98	0.30	8.78	
		1	21.20	1.00	1.10	1.05	0.30	6.68	
		1	30.00	1.10	1.05	1.08	0.25	8.06	
		1	15.20	1.05	1.20	1.13	0.30	5.13	
							Present Qty	**1282.91**	**Cum**

Contractor PMC Assistant Engineer

6/11/2019

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
Asst. Executive Engineer
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

06/11/2019

Name of Work :Improvements of Rcc Drains and CC Roads to Main Roads at Basavalingappa Layout and Surrounding areas in Ward No.03

Pre measurement recorded on: 12.11.2019

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
3	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.								
	Basavalingappa Layout								
	1st Main Road								
	LHS								
		1	30.00			1.10	0.15	4.95	
		1	30.00			1.10	0.15	4.95	
		1	30.00			1.10	0.15	4.95	
		1	23.80			1.10	0.15	3.93	
	1st -2nd Cross	1	19.60			1.10	0.15	3.23	
	2nd -3rd Cross	1	18.40			1.10	0.15	3.04	
	3rd - 4th Cross	1	8.32			1.10	0.15	1.37	
		1	10.00			1.10	0.15	1.65	
	4th - 5th Cross	1	20.00			1.10	0.15	3.30	
	5th - 7th Cross	1	18.32			1.10	0.15	3.02	
	RHS								
		1	30.00			1.10	0.15	4.95	
		1	2.30			1.10	0.15	0.38	
		1	30.00			1.10	0.15	4.95	
		1	30.00			1.10	0.15	4.95	
		1	17.40			1.10	0.15	2.87	
	1st -2nd Cross	1	20.00			1.10	0.15	3.30	
	2nd -3rd Cross	1	18.72			1.10	0.15	3.09	
	3rd - 4th Cross	1	19.10			1.10	0.15	3.15	
	4th - 5th Cross	1	18.40			1.10	0.15	3.04	
	5th - 7th Cross	1	18.60			1.10	0.15	3.07	
	2nd Main Road								
	RHS								
		1	30.00			1.10	0.15	4.95	
		1	22.00			1.10	0.15	3.63	
		1	23.80			1.10	0.15	3.93	
		1	20.60			1.10	0.15	3.40	
	1st -2nd Cross	1	20.00			1.10	0.15	3.30	
	2nd -3rd Cross	1	18.90			1.10	0.15	3.12	
	3rd - 4th Cross	1	18.77			1.10	0.15	3.10	
	4th - 5th Cross	1	20.20			1.10	0.15	3.33	
	LHS								

NEWLEN CONSULTANT BANGALORE

6

12/11/2019

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಜಿ.ಬಿ.ಎ.ಎ. ಬೆಂಗಳೂರು-106
12/11/2019

Name of Work :Improvements of Rcc Drains and CC Roads to Main Roads at Basavalingappa Layout and Surrounding areas in Ward No.03

Detailed measurement recorded on: 7.11.2019

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
2	Removing And Refixing stone slabs of drains and pointing in C.M (1:3).						
	Basavalingappa Layout						
	1st Main Road						
	LHS						
	1st -2nd Cross	1	8.50	0.90		7.65	
	2nd -3rd Cross	1	8.00	0.90		7.20	
	3rd –4th Cross	1	8.00	0.90		7.20	
	4th - 5th Cross	1	3.00	0.90		2.70	
	5th - 7th Cross	1	2.50	0.90		2.25	
	RHS						
	1st -2nd Cross	1	3.60	0.90		3.24	
	2nd -3rd Cross	1	3.50	0.90		3.15	
	3rd –4th Cross	1	5.10	0.90		4.59	
		1	4.30	0.90		3.87	
		1	20.00	0.90		18.00	
		1	10.00	0.90		9.00	
	2nd Main Road						
	RHS						
	1st -2nd Cross	1	10.00	0.90		9.00	
	2nd -3rd Cross	1	12.60	0.90		11.34	
	3rd - 4th Cross	1	12.00	0.90		10.80	
	4th - 5th Cross	1	12.00	0.90		10.80	
	LHS						
	1st -2nd Cross	1	7.60	0.90		6.84	
	2nd -3rd Cross	1	12.00	0.90		10.80	
	3rd - 4th Cross	1	5.00	0.90		4.50	
	4th - 5th Cross	1	3.70	0.90		3.33	

NEWZEN CONSULTANT BANGALORE

7.11.2019

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ-1
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106
7/11/2019

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		1	2.50	0.90		2.25	
		1	5.00	0.90		4.50	
					Present Qty	**143.01**	**Sqm**

Contractor PMC NEWGEN CONSULTANT BANGALORE

Assistant Engineer

7.11.2019

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಡಿ.ಎ. ಬೆಂಗಳೂರು-106

Asst. Executive Engineer,

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
	1st -2nd Cross	1	19.60			1.10	0.15	3.23	
	2nd -3rd Cross	1	18.70			1.10	0.15	3.09	
	3rd - 4th Cross	1	18.77			1.10	0.15	3.10	
	4th - 5th Cross	1	20.20			1.10	0.15	3.33	
		1	25.15			1.10	0.15	4.15	
		1	30.00			1.10	0.15	4.95	
		1	30.00			1.10	0.15	4.95	
		1	4.70			1.10	0.15	0.78	
	For RCC Culvert								
	2nd Main Road								
	At 3rd Cross								
	LHS	1	4.30			1.50	0.15	0.97	
	RHS	1	4.60			1.50	0.15	1.04	
	For CC Road								
	1st Main Road								
	LHS	1	30.00	1.20	1.15	1.18	0.15	5.29	
		1	30.00	1.15	1.20	1.18	0.15	5.29	
		1	30.00	1.20	1.15	1.18	0.15	5.29	
		1	30.00	1.15	1.30	1.23	0.15	5.51	
	RHS	1	30.00	1.25	1.20	1.23	0.15	5.51	
		1	30.00	1.20	1.15	1.18	0.15	5.29	
		1	30.00	1.15	1.20	1.18	0.15	5.29	
		1	30.00	1.20	1.15	1.18	0.15	5.29	
	2nd Main Road								
	LHS	1	30.00	1.30	1.20	1.25	0.15	5.63	
		1	30.00	1.20	1.10	1.15	0.15	5.18	
		1	30.00	1.10	1.20	1.15	0.15	5.18	
		1	14.00	1.20	1.10	1.15	0.15	2.42	
	RHS	1	30.00	1.20	1.10	1.15	0.15	5.18	
		1	30.00	1.10	1.20	1.15	0.15	5.18	
		1	30.00	1.20	1.15	1.18	0.15	5.29	
		1	14.00	1.15	1.20	1.18	0.15	2.47	
	1st Cross								
	RHS	1	30.00	1.10	1.20	1.15	0.15	5.18	
		1	15.40	1.20	0.95	1.08	0.15	2.48	
		1	30.00	0.95	0.75	0.85	0.15	3.83	
		1	24.60	0.75	0.60	0.68	0.15	2.49	
	2nd Cross								
	LHS	1	30.00	1.00	1.05	1.03	0.15	4.61	
		1	24.90	1.05	1.10	1.08	0.15	4.02	
		1	30.00	1.10	0.95	1.03	0.15	4.61	
		1	17.70	0.95	0.90	0.93	0.15	2.46	

NEWTEN CONSULTANT BANGALORE

12/11/2019

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
	RHS	1	30.00	1.10	1.05	1.08	0.15	4.84	
		1	24.90	1.05	0.95	1.00	0.15	3.74	
		1	30.00	0.95	0.90	0.93	0.15	4.16	
		1	17.70	0.90	1.05	0.98	0.15	2.59	
	3rd Cross								
	LHS	1	30.00	1.05	1.10	1.08	0.15	4.84	
		1	22.30	1.10	1.05	1.08	0.15	3.60	
		1	30.00	1.05	0.95	1.00	0.15	4.50	
		1	24.00	0.95	1.00	0.98	0.15	3.51	
	RHS	1	30.00	1.00	0.95	0.98	0.15	4.39	
		1	22.30	0.95	1.00	0.98	0.15	3.26	
		1	30.00	1.00	0.95	0.98	0.15	4.39	
		1	24.00	0.95	1.20	1.08	0.15	3.87	
	4th Cross								
	LHS	1	30.00	1.10	0.95	1.03	0.15	4.61	
		1	25.20	0.95	1.15	1.05	0.15	3.97	
		1	30.00	1.15	0.95	1.05	0.15	4.73	
		1	25.70	0.95	1.20	1.08	0.15	4.14	
	RHS	1	30.00	1.05	1.10	1.08	0.15	4.84	
		1	25.20	1.10	1.00	1.05	0.15	3.97	
		1	30.00	1.00	1.05	1.03	0.15	4.61	
		1	25.70	1.05	0.90	0.98	0.15	3.76	
	5th Cross								
	LHS	1	30.00	1.00	1.05	1.03	0.15	4.61	
		1	21.20	1.05	0.95	1.00	0.15	3.18	
		1	30.00	0.95	0.95	0.95	0.15	4.28	
		1	15.20	0.95	1.05	1.00	0.15	2.28	
	RHS	1	30.00	0.95	1.00	0.98	0.15	4.39	
		1	21.20	1.00	1.10	1.05	0.15	3.34	
		1	30.00	1.10	1.05	1.08	0.15	4.84	
		1	15.20	1.05	1.20	1.13	0.15	2.57	
							Present Qty	**347.16**	**Cum**

C&FE

Contractor PMC

Assistant Engineer

Assistant Executive Engineer

12/11/2019

Name of Work :Improvements of Rcc Drains and CC Roads to Main Roads at Basavalingappa Layout and Surrounding areas in Ward No.03

Pre measurement recorded on: 12/11/2019

Item No	Discription of Item	No	Length	Breadth	D1	D2	Avg Depth	Qty	Unit
4	Providing laying palin / reinforced cement concrete for Box Drain walls of thicknes 10cm to 20 cm including cenmtering shuttering form work etc. complete as per approved drawiong and design MORTH Specification No. 1500,1700,2200 PCC M 20 Grade upto 0.75 m height using concrete mixture								
	Basavalingappa Layout								
	For Bottom Raft								
	1st Main Road								
	LHS								
		1	30.00	0.90	0.15	0.15	0.15	4.05	
		1	30.00	0.90	0.15	0.15	0.15	4.05	
		1	30.00	0.90	0.15	0.15	0.15	4.05	
		1	23.80	0.90	0.15	0.15	0.15	3.21	
	1st -2nd Cross	1	19.60	0.90	0.15	0.15	0.15	2.65	
	2nd -3rd Cross	1	18.40	0.90	0.15	0.15	0.15	2.48	
	3rd - 4th Cross	1	8.32	0.90	0.15	0.15	0.15	1.12	
		1	10.00	0.90	0.15	0.15	0.15	1.35	
	4th - 5th Cross	1	20.00	0.90	0.15	0.15	0.15	2.70	
	5th - 7th Cross	1	18.32	0.90	0.15	0.15	0.15	2.47	
	RHS								
	1st -2nd Cross	1	20.00	0.90	0.15	0.15	0.15	2.70	
	2nd -3rd Cross	1	18.72	0.90	0.15	0.15	0.15	2.53	
	3rd - 4th Cross	1	19.10	0.90	0.15	0.15	0.15	2.58	
	4th - 5th Cross	1	18.40	0.90	0.15	0.15	0.15	2.48	
	5th - 7th Cross	1	18.60	0.90	0.15	0.15	0.15	2.51	
		1	30.00	0.90	0.15	0.15	0.15	4.05	
		1	2.30	0.90	0.15	0.15	0.15	0.31	
		1	30.00	0.90	0.15	0.15	0.15	4.05	
		1	30.00	0.90	0.15	0.15	0.15	4.05	
		1	17.40	0.90	0.15	0.15	0.15	2.35	
	2nd Main Road								
	RHS								
		1	30.00	0.90	0.15	0.15	0.15	4.05	
		1	22.00	0.90	0.15	0.15	0.15	2.97	
		1	23.80	0.90	0.15	0.15	0.15	3.21	
		1	20.60	0.90	0.15	0.15	0.15	2.78	
	1st -2nd Cross	1	20.00	0.90	0.15	0.15	0.15	2.70	
	2nd -3rd Cross	1	18.90	0.90	0.15	0.15	0.15	2.55	

M/S. WELEN CONSULTANTS BANGALORE

12/11/2019

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ, ಉಪವಿಭಾಗ.
ಜ ಜ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-106

12/11/2019

Item No	Discription of Item	No	Length	Breadth	D1	D2	Avg Depth	Qty	Unit
	3rd - 4th Cross	1	18.77	0.90	0.15	0.15	0.15	2.53	
	4th - 5th Cross	1	20.20	0.90	0.15	0.15	0.15	2.73	
	LHS								
	1st -2nd Cross	1	19.60	0.90	0.15	0.15	0.15	2.65	
	2nd -3rd Cross	1	18.70	0.90	0.15	0.15	0.15	2.52	
	3rd - 4th Cross	1	18.77	0.90	0.15	0.15	0.15	2.53	
	4th - 5th Cross	1	20.20	0.90	0.15	0.15	0.15	2.73	
		1	25.15	0.90	0.15	0.15	0.15	3.40	
		1	30.00	0.90	0.15	0.15	0.15	4.05	
		1	30.00	0.90	0.15	0.15	0.15	4.05	
		1	4.70	0.90	0.15	0.15	0.15	0.63	
	For RCC Culvert								
	2nd Main Road								
	At 3rd Cross								
	LHS	1	4.30	1.20	0.20	0.20	0.20	1.03	
	RHS	1	4.60	1.20	0.20	0.20	0.20	1.10	
	For Wall								
	1st Main Road								
	LHS								
		2	30.00	0.15	0.60	0.63	0.62	5.54	
		2	30.00	0.15	0.63	0.66	0.65	5.81	
		2	30.00	0.15	0.66	0.66	0.66	5.94	
		2	23.80	0.15	0.66	0.70	0.68	4.86	
	1st -2nd Cross	2	19.60	0.15	0.75	0.85	0.80	4.70	
	2nd -3rd Cross	2	18.40	0.15	0.73	0.80	0.77	4.22	
	3rd - 4th Cross	2	8.32	0.15	0.81	0.82	0.82	2.03	
		2	10.00	0.15	0.77	0.77	0.77	2.31	
	4th - 5th Cross	2	20.00	0.15	0.60	0.68	0.64	3.84	
	5th - 7th Cross	2	18.32	0.15	0.60	0.67	0.64	3.49	
	RHS								
	1st -2nd Cross	2	20.00	0.15	0.74	0.55	0.65	3.87	
	2nd -3rd Cross	2	18.72	0.15	0.80	0.73	0.77	4.30	
	3rd - 4th Cross	2	19.10	0.15	0.80	0.60	0.70	4.01	
	4th - 5th Cross	2	18.40	0.15	0.79	0.80	0.80	4.39	
	5th - 7th Cross	2	18.60	0.15	0.62	0.63	0.63	3.49	
		2	30.00	0.15	0.62	0.64	0.63	5.67	
		2	2.30	0.15	0.64	0.64	0.64	0.44	
		2	30.00	0.15	0.77	0.63	0.70	6.30	
		2	30.00	0.15	0.63	0.63	0.63	5.67	
		2	17.40	0.15	0.63	0.61	0.62	3.24	

NEWTEN CONSULTANT BANGALORE

12/11/2019

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬ.ಬ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

12/11/2019

Item No	Discription of Item	No	Length	Breadth	D1	D2	Avg Depth	Qty	Unit
	2nd Main Road								
	RHS								
		2	30.00	0.15	0.68	0.60	0.64	5.76	
		2	22.00	0.15	0.60	0.65	0.63	4.13	
		2	23.80	0.15	0.65	0.70	0.68	4.82	
		2	20.60	0.15	0.70	0.73	0.72	4.42	
	1st -2nd Cross	2	20.00	0.15	0.70	0.89	0.80	4.77	
	2nd -3rd Cross	2	18.90	0.15	0.80	0.80	0.80	4.54	
	3rd - 4th Cross	2	18.77	0.15	0.79	0.75	0.77	4.34	
	4th - 5th Cross	2	20.20	0.15	0.58	0.79	0.69	4.15	
	LHS								
	1st -2nd Cross	2	19.60	0.15	0.75	0.75	0.75	4.41	
	2nd -3rd Cross	2	18.70	0.15	0.75	0.76	0.76	4.24	
	3rd - 4th Cross	2	18.77	0.15	0.80	0.90	0.85	4.79	
	4th - 5th Cross	2	20.20	0.15	0.60	0.79	0.70	4.21	
		2	25.15	0.15	0.66	0.80	0.73	5.51	
		2	30.00	0.15	0.60	0.64	0.62	5.58	
		2	30.00	0.15	0.64	0.60	0.62	5.58	
		2	4.70	0.15	0.60	0.60	0.60	0.85	
	For RCC Culvert								
	2nd Main Road								
	At 3rd Cross								
	LHS	2	4.30	0.30	0.60	0.70	0.65	1.68	
	RHS	2	4.60	0.30	0.75	0.60	0.68	1.86	
							Present Qty	263.69	**Cum**

Contractor

PMC

Assistant Engineer

Asst. Executive Engineer,

18/11/2019

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	RHS						
	Total Drain length=174.27 mtr						
	Main bar 10mm dia bar @ 100mm c/c						
	0.61kg/mtr						
	No of U-bar=1743.00 Nos	1743	2.30		0.61	2445.01	
	Distribution bar						
	Distribution bar 10mm dia @ 125mm c/c						
	0.61kg/mtr	18	174.27		0.61	1956.01	
	Culverts						
	2nd Main Road						
	At 3rd Cross-LHS						
	Total Drain length=4.30 mtr						
	Main bar 12mm dia bar @ 150mm c/c						
	0.89kg/mtr						
	No of U-bar=Nos Top	34	2.50		0.89	76.54	
	Bottom	34	2.50		0.89	76.54	
	Distribution bar						
	Distribution bar 10mm dia @ 150mm c/c						
	0.61kg/mtr Top	17	4.30		0.61	43.72	
	Bottom	17	4.30		0.61	43.72	
	At 3rd Cross-RHS						
	Total Drain length=4.60 m						
	Main bar 12mm dia bar @ 150mm c/c						
	0.89kg/mtr						
	No of U-bar=Nos Top	37	2.50		0.89	81.88	
	Bottom	37	2.50		0.89	81.88	
	Distribution bar						
	Distribution bar 10mm dia @ 150mm c/c						
	0.61kg/mtr Top	17	4.60		0.61	46.77	
	Bottom	17	4.60		0.61	46.77	
					Present Qty	**20457.69**	**Kg**
					Present Qty	**20.46**	**Tonne**

Contractor PMC Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ ಆಯುಕ್ತರ ಕಛೇರಿ
ಬೆ.ಮ.ನ.ಪಾ. ಬೆಂಗಳೂರು-106

Asst. Executive Engineer,

12/11/2019

Name of Work :Improvements of Rcc Drains and CC Roads to Main Roads at Basavalingappa Layout and Surrounding areas in Ward No.03

Pre measurement recorded on: 28.11.2019

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
8	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications.								
	For CC Road								
	1st Main Road								
	LHS	1	30.00	1.20	1.15	1.18		35.25	
		1	30.00	1.15	1.20	1.18		35.25	
		1	30.00	1.20	1.15	1.18		35.25	
		1	30.00	1.15	1.30	1.23		36.75	
	RHS	1	30.00	1.25	1.20	1.23		36.75	
		1	30.00	1.20	1.15	1.18		35.25	
		1	30.00	1.15	1.20	1.18		35.25	
		1	30.00	1.20	1.15	1.18		35.25	
	2nd Main Road								
	LHS	1	30.00	1.30	1.20	1.25		37.50	
		1	30.00	1.20	1.10	1.15		34.50	
		1	30.00	1.10	1.20	1.15		34.50	
		1	14.00	1.20	1.10	1.15		16.10	
	RHS	1	30.00	1.20	1.10	1.15		34.50	
		1	30.00	1.10	1.20	1.15		34.50	
		1	30.00	1.20	1.15	1.18		35.25	
		1	14.00	1.15	1.20	1.18		16.45	
	1st Cross								
	RHS	1	30.00	1.10	1.20	1.15		34.50	
		1	15.40	1.20	0.95	1.08		16.56	
		1	30.00	0.95	0.75	0.85		25.50	
		1	24.60	0.75	0.60	0.68		16.61	
	2nd Cross								
	LHS	1	30.00	1.00	1.05	1.03		30.75	
		1	24.90	1.05	1.10	1.08		26.77	
		1	30.00	1.10	0.95	1.03		30.75	
		1	17.70	0.95	0.90	0.93		16.37	
	RHS	1	30.00	1.10	1.05	1.08		32.25	
		1	24.90	1.05	0.95	1.00		24.90	
		1	30.00	0.95	0.90	0.93		27.75	

NEW EN CONSULTANT BANGALORE

(14)

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಪೀ.11.2019 ಜಿ.ಜಿ.ಎ.ಪಿ, ಬೆಂಗಳೂರು-106

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
		1	17.70	0.90	1.05	0.98		17.26	
	3rd Cross								
	LHS	1	30.00	1.05	1.10	1.08		32.25	
		1	22.30	1.10	1.05	1.08		23.97	
		1	30.00	1.05	0.95	1.00		30.00	
		1	24.00	0.95	1.00	0.98		23.40	
	RHS	1	30.00	1.00	0.95	0.98		29.25	
		1	22.30	0.95	1.00	0.98		21.74	
		1	30.00	1.00	0.95	0.98		29.25	
		1	24.00	0.95	1.20	1.08		25.80	
	4th Cross								
	LHS	1	30.00	1.10	0.95	1.03		30.75	
		1	25.20	0.95	1.15	1.05		26.46	
		1	30.00	1.15	0.95	1.05		31.50	
		1	25.70	0.95	1.20	1.08		27.63	
	RHS	1	30.00	1.05	1.10	1.08		32.25	
		1	25.20	1.10	1.00	1.05		26.46	
		1	30.00	1.00	1.05	1.03		30.75	
		1	25.70	1.05	0.90	0.98		25.06	
	5th Cross								
	LHS	1	30.00	1.00	1.05	1.03		30.75	
		1	21.20	1.05	0.95	1.00		21.20	
		1	30.00	0.95	0.95	0.95		28.50	
		1	15.20	0.95	1.05	1.00		15.20	
	RHS	1	30.00	0.95	1.00	0.98		29.25	
		1	21.20	1.00	1.10	1.05		22.26	
		1	30.00	1.10	1.05	1.08		32.25	
		1	15.20	1.05	1.20	1.13		17.10	
							Present Qty	**1471.29**	**Sqm**

Contractor PMC Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಯೋಜನೆ
28.11.2019 ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Asst. Executive Engineer

Name of Work :Improvements of Rcc Drains and CC Roads to Main Roads at Basavalingappa Layout and Surrounding areas in Ward No.03

Pre measurement recorded on: 29.11.2019

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
9	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.								
	For CC Road								
	1st Main Road								
	LHS	1	30.00	1.20	1.15	1.18	0.15	5.29	
		1	30.00	1.15	1.20	1.18	0.15	5.29	
		1	30.00	1.20	1.15	1.18	0.15	5.29	
		1	30.00	1.15	1.30	1.23	0.15	5.51	
	RHS	1	30.00	1.25	1.20	1.23	0.15	5.51	
		1	30.00	1.20	1.15	1.18	0.15	5.29	
		1	30.00	1.15	1.20	1.18	0.15	5.29	
		1	30.00	1.20	1.15	1.18	0.15	5.29	
	2nd Main Road								
	LHS	1	30.00	1.30	1.20	1.25	0.15	5.63	
		1	30.00	1.20	1.10	1.15	0.15	5.18	
		1	30.00	1.10	1.20	1.15	0.15	5.18	
		1	14.00	1.20	1.10	1.15	0.15	2.42	
	RHS	1	30.00	1.20	1.10	1.15	0.15	5.18	
		1	30.00	1.10	1.20	1.15	0.15	5.18	
		1	30.00	1.20	1.15	1.18	0.15	5.29	
		1	14.00	1.15	1.20	1.18	0.15	2.47	
	1st Cross								
	RHS	1	30.00	1.10	1.20	1.15	0.15	5.18	
		1	15.40	1.20	0.95	1.08	0.15	2.48	

NEW ZEN CONSULTANT BANGALORE

(16)

29.11.2019

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106
29/11/2019

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
		1	30.00	0.95	0.75	0.85	0.15	3.83	
		1	24.60	0.75	0.60	0.68	0.15	2.49	
	2nd Cross								
	LHS	1	30.00	1.00	1.05	1.03	0.15	4.61	
		1	24.90	1.05	1.10	1.08	0.15	4.02	
		1	30.00	1.10	0.95	1.03	0.15	4.61	
		1	17.70	0.95	0.90	0.93	0.15	2.46	
	RHS	1	30.00	1.10	1.05	1.08	0.15	4.84	
		1	24.90	1.05	0.95	1.00	0.15	3.74	
		1	30.00	0.95	0.90	0.93	0.15	4.16	
		1	17.70	0.90	1.05	0.98	0.15	2.59	
	3rd Cross								
	LHS	1	30.00	1.05	1.10	1.08	0.15	4.84	
		1	22.30	1.10	1.05	1.08	0.15	3.60	
		1	30.00	1.05	0.95	1.00	0.15	4.50	
		1	24.00	0.95	1.00	0.98	0.15	3.51	
	RHS	1	30.00	1.00	0.95	0.98	0.15	4.39	
		1	22.30	0.95	1.00	0.98	0.15	3.26	
		1	30.00	1.00	0.95	0.98	0.15	4.39	
		1	24.00	0.95	1.20	1.08	0.15	3.87	
	4th Cross								
	LHS	1	30.00	1.10	0.95	1.03	0.15	4.61	
		1	25.20	0.95	1.15	1.05	0.15	3.97	
		1	30.00	1.15	0.95	1.05	0.15	4.73	
		1	25.70	0.95	1.20	1.08	0.15	4.14	
	RHS	1	30.00	1.05	1.10	1.08	0.15	4.84	
		1	25.20	1.10	1.00	1.05	0.15	3.97	
		1	30.00	1.00	1.05	1.03	0.15	4.61	

NEW CONSULTANT BANGALORE

(17)

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

29.11.2019

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit
		1	25.70	1.05	0.90	0.98	0.15	3.76	
	5th Cross								
	LHS	1	30.00	1.00	1.05	1.03	0.15	4.61	
		1	21.20	1.05	0.95	1.00	0.15	3.18	
		1	30.00	0.95	0.95	0.95	0.15	4.28	
		1	15.20	0.95	1.05	1.00	0.15	2.28	
	RHS	1	30.00	0.95	1.00	0.98	0.15	4.39	
		1	21.20	1.00	1.10	1.05	0.15	3.34	
		1	30.00	1.10	1.05	1.08	0.15	4.84	
		1	15.20	1.05	1.20	1.13	0.15	2.57	
							Present Qty	**220.69**	**Cum**

Contractor PMC Assistant Engineer) ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು Asst. Executive Engineer, ಯಲಹಂಕ ಉಪವಿಭಾಗ ಸಂಖ್ಯೆ 1 ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106 29/11/2019

29.11.2019